



# Weather Briefing

May 26, 2015



**National Weather Service**  
**Detroit/Pontiac, MI**

<http://www.weather.gov/dtx>

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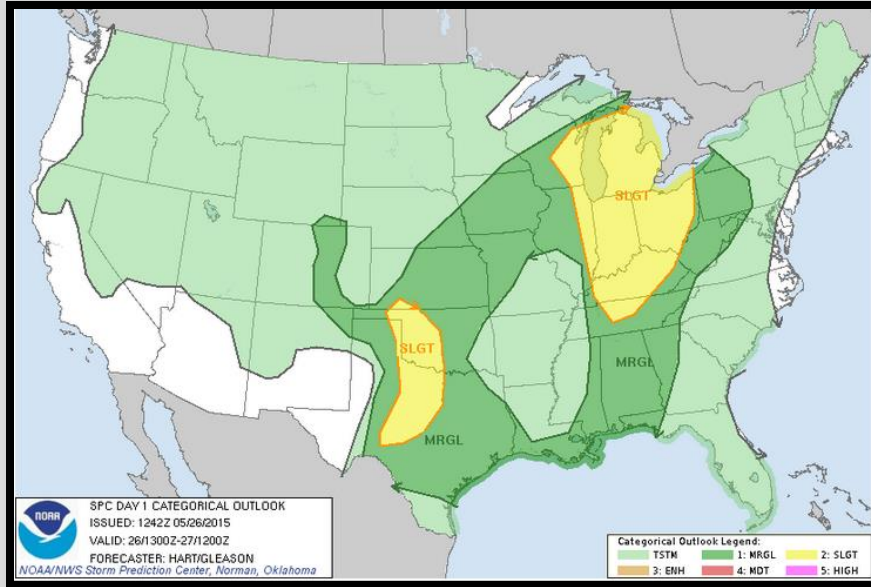
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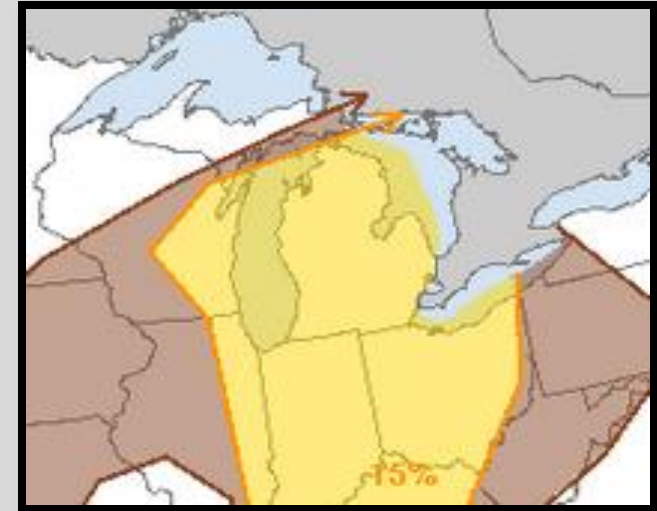


# Hazard Summary

## Slight Risk Today



- ✓ Main window for threat of severe storms will be 4 to 10 pm.
- ✓ Main threat:
  - Damaging wind gusts



### Damaging Winds

- ✓ 60 mph and Stronger
- ✓ Lines of Storms and Individual Storms
- ✓ All of Lower Michigan

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# Risk Categories

## Slight Risk Monday



### Understanding Severe Thunderstorm Risk Categories

THUNDERSTORMS (no label)	1 - MARGINAL (MRGL)	2 - SLIGHT (SLGT)	3 - ENHANCED (ENH)	4 - MODERATE (MDT)	5 - HIGH (HIGH)
No severe* thunderstorms expected	Isolated severe thunderstorms possible	Scattered severe storms possible	Numerous severe storms possible	Widespread severe storms likely	Widespread severe storms expected
Lightning/flooding threats exist with <u>all</u> thunderstorms	Limited in duration and/or coverage and/or intensity	Short-lived and/or not widespread, isolated intense storms possible	More persistent and/or widespread, a few intense	Long-lived, widespread and intense	Long-lived, very widespread and particularly intense
					
<ul style="list-style-type: none"><li>• Winds to 40 mph</li><li>• Small hail</li></ul>	<ul style="list-style-type: none"><li>• Winds 40-60 mph</li><li>• Hail up to 1"</li><li>• Low tornado risk</li></ul>	<ul style="list-style-type: none"><li>• One or two tornadoes</li><li>• Reports of strong winds/wind damage</li><li>• Hail ~1", isolated 2"</li></ul>	<ul style="list-style-type: none"><li>• A few tornadoes</li><li>• Several reports of wind damage</li><li>• Damaging hail, 1 - 2"</li></ul>	<ul style="list-style-type: none"><li>• Strong tornadoes</li><li>• Widespread wind damage</li><li>• Destructive hail, 2" +</li></ul>	<ul style="list-style-type: none"><li>• Tornado outbreak</li><li>• Derecho</li></ul>

\* NWS defines a severe thunderstorm as measured wind gusts to at least 58 mph, and/or hail to at least one inch in diameter, and/or a tornado. All thunderstorm categories imply lightning and the potential for flooding. Categories are also tied to the probability of a severe weather event within 25 miles of your location.



National Weather Service

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# Severe Weather Details

## This Afternoon and Evening



### What

- Thunderstorms are expected to develop this afternoon as a low pressure system moves across the Great Lakes region. There is a slight risk of severe thunderstorms.
- **Greatest Threat:** Damaging winds  
**Lesser Threat:** Localized heavy rainfall

### When

- Greatest threat for severe weather 4 – 10 pm

### Where

- All of Southeast Michigan

### Forecast Confidence

- High in thunderstorm development
- Medium in severe thunderstorms

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# Additional Information



**Local Hazards Page**

<http://www.weather.gov/dtx/dtxhazards>

**Storm Prediction Center**

<http://www.spc.noaa.gov>



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